

**AMENDMENTS TO THE CLAIMS:**

This listing of claims will replace all prior versions and listings of claims in the application:

1. (Currently amended) An electronic apparatus comprising:  
a heat-generating component;  
a heat receiving portion thermally connected to the heat-generating component;  
a heat radiating portion to radiate heat generated by the heat-generating component; and  
a circulation pipe to circulate a liquid coolant between the heat receiving portion and the heat radiating portion, a part of the circulation pipe including an odd-shaped portion which has pipes different from the other part in inside diameter.
2. (Currently amended) An electronic apparatus according to claim 1, wherein said ~~part of the circulation pipe~~ odd-shaped portion has an odd-shaped circulation pipe having an inside diameter smaller than that of the other part of the circulation pipe.
3. (Original) An electronic apparatus according to claim 1, wherein said part of the circulation pipe has a plurality of parallel odd-shaped circulation pipes having inside and outside diameters smaller than that of the other part of the circulation pipe.

4. (Currently amended) An electronic apparatus according to claim 1, wherein said ~~part of the circulation pipe~~ odd-shaped portion has an odd-shaped circulation pipe having an outside diameter larger than that of the other part of the circulation pipe.

5. (Currently amended) An electronic apparatus according to claim 1, wherein said ~~part of the circulation pipe~~ odd-shaped portion is formed of a material different from that of the other part of the circulation pipe and is elastic.

6. (Original) An electronic apparatus according to claim 1, which further comprises a protective cover which covers said part of the circulation pipe.

7. (Currently amended) An electronic apparatus comprising:

- a first casing;
- a heat-generating component arranged in the first casing;
- a heat receiving portion located in the first casing and thermally connected to the heat-generating component;
- a second casing connected to the first casing by a hinge portion;
- a heat radiating portion to radiate heat generated by the heat-generating component, the heat radiating portion being located in the second casing and having a coolant passage; and
- a circulation pipe to circulate a liquid coolant between the heat receiving portion and the heat radiating portion, the circulation pipe extending through the hinge portion

and spans the boundary between the first and second casings, and that part of the circulation pipe which passes through the hinge portion including an odd-shaped portion which has pipes different from the other part in inside diameter.

8. (Currently amended) An electronic apparatus according to claim 7, wherein the second casing is supported on the first casing by a pair of hinge portions, and the circulation pipe includes a first circulation pipe extending from the heat receiving portion to the heat radiating portion through one of the hinge portions and a second circulation pipe extending from the heat radiating portion passing through the other hinge portion, each of the first and second circulation pipes having said ~~part~~ an odd-shaped portion of the circulation pipe.

9. (Original) An electronic apparatus according to claim 7, wherein the second casing constitutes a display unit provided with a display panel.

10. (Currently amended) An electronic apparatus according to claim 7, wherein said odd-shaped portion ~~part of the circulation pipe~~ has an odd-shaped circulation pipe having an inside diameter smaller than that of the other part of the circulation pipe.

11. (Currently amended) An electronic apparatus according to claim 7, wherein said odd-shaped portion ~~part of the circulation pipe~~ has a plurality of parallel

odd-shaped circulation pipes having inside and outside diameters smaller than those of the other part of the circulation pipe.

12. (Original) An electronic apparatus according to claim 11, wherein the odd-shaped circulation pipes are bonded to and formed integrally with one another.

13. (Original) An electronic apparatus according to claim 11, wherein the odd-shaped circulation pipes are formed independently of one another.

14. (Canceled)

15. (Canceled)

16. (Currently amended) An electronic apparatus according to claim 7, wherein said odd-shaped portion ~~part of the circulation pipe~~ is formed of a material different from that of the other part of the circulation pipe.

17. (Currently amended) An electronic apparatus according to claim 7, wherein said odd-shaped portion ~~part of the circulation pipe~~ is formed integrally of the same material with the other part of the circulation pipe.

18. (Currently amended) An electronic apparatus according to claim 7, wherein said other part of the circulation pipe and said odd-shaped portion ~~part of the circulation pipe~~ are connected by a pipe joint.

19. (Original) An electronic apparatus according to claim 7, which further comprises a protective cover which covers said part of the circulation pipe.

20. (Original) An electronic apparatus according to claim 19, wherein the protective cover is fixed to one of the first and second casings.

21. (New) An electronic apparatus comprising:  
a heat-generating component;  
a heat receiving portion thermally connected to the heat-generating component;  
a heat radiating portion to radiate heat generated by the heat-generating component; and  
a circulation pipe to circulate a liquid coolant between the heat receiving portion and the heat radiating portion, a part of the circulation pipe including an odd-shaped portion which has a different number of pipe passages from other portions of the circulation pipe.

22. (New) An electronic apparatus comprising:  
a heat-generating component;  
a heat receiving portion thermally connected to the heat-generating component;

a heat radiating portion to radiate heat generated by the heat-generating component; and

a circulation pipe to circulate a liquid coolant between the heat receiving portion and the heat radiating portion, the circulation pipe having a circular cross section, a part of the circulation pipe including an odd-shaped circulation pipe having a substantially elliptic cross section.